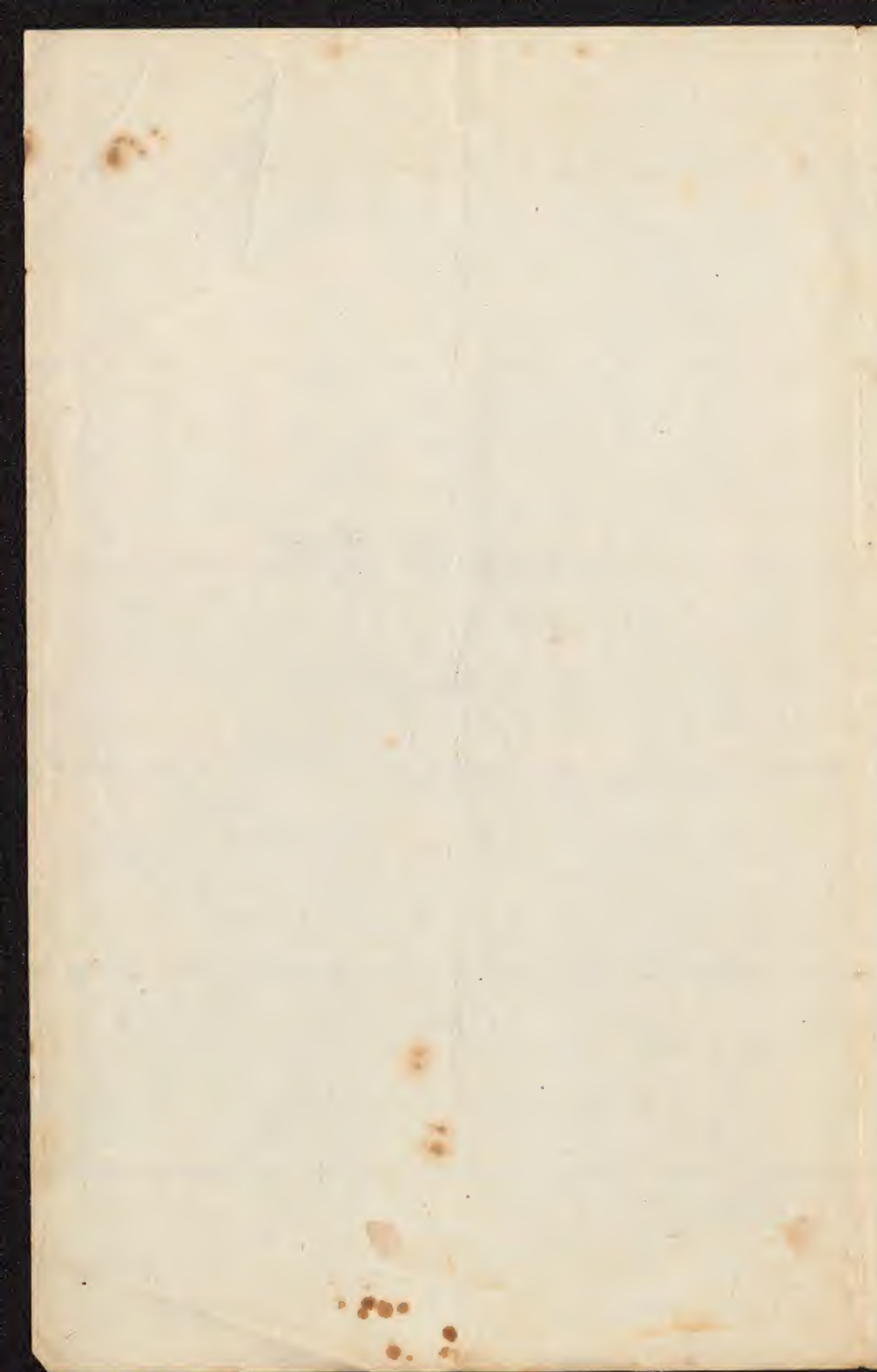


Biological,

Questions

1858

For Biol. Department  
of Acad. Nat. Sciences







1858

Questions, in Anatomy & Histology.

<sup>1</sup> Is there, in comparative anatomy, any fixed relation between the size of the thyroid gland, and the development of the vocal apparatus?

Is the internal coat of the blood-vessels a serous, or a mucous tissue; or neither?

~~What would be the best  
schedule for a new and simple  
Anatomical Nomenclature?~~

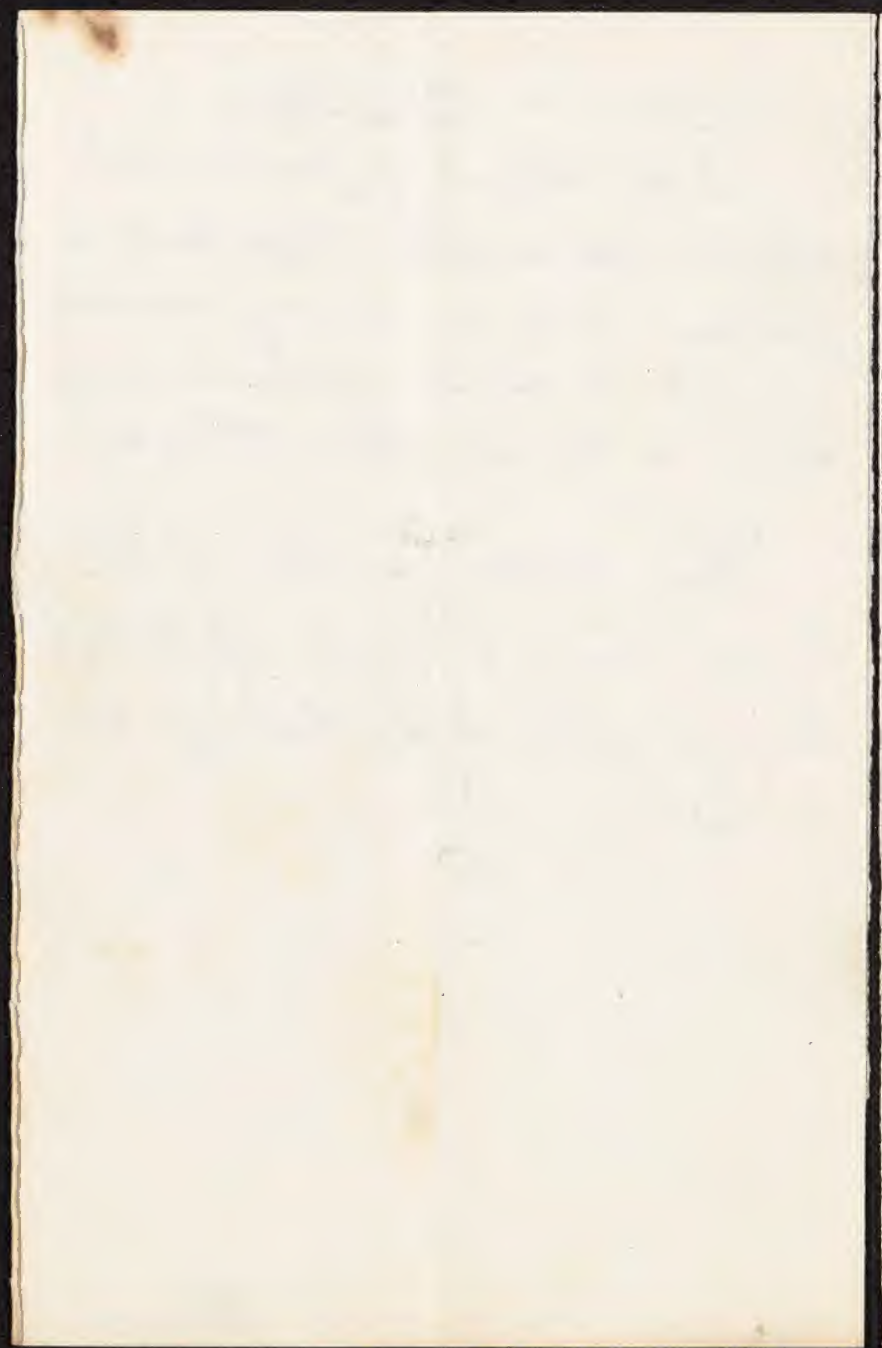




Questions, in Micrology.

Is the statement of Jacobowitzsch correct, - of the constant bipolarity or fusiform shape of Sensory nerve-cells - and of the presence of Sensation-cells alone in the Medulla Oblongata?

<sup>1</sup> Have the air-vesicles of the human lung a true epithelial lining, as asserted by Dr Radcliffe Hall, or not?





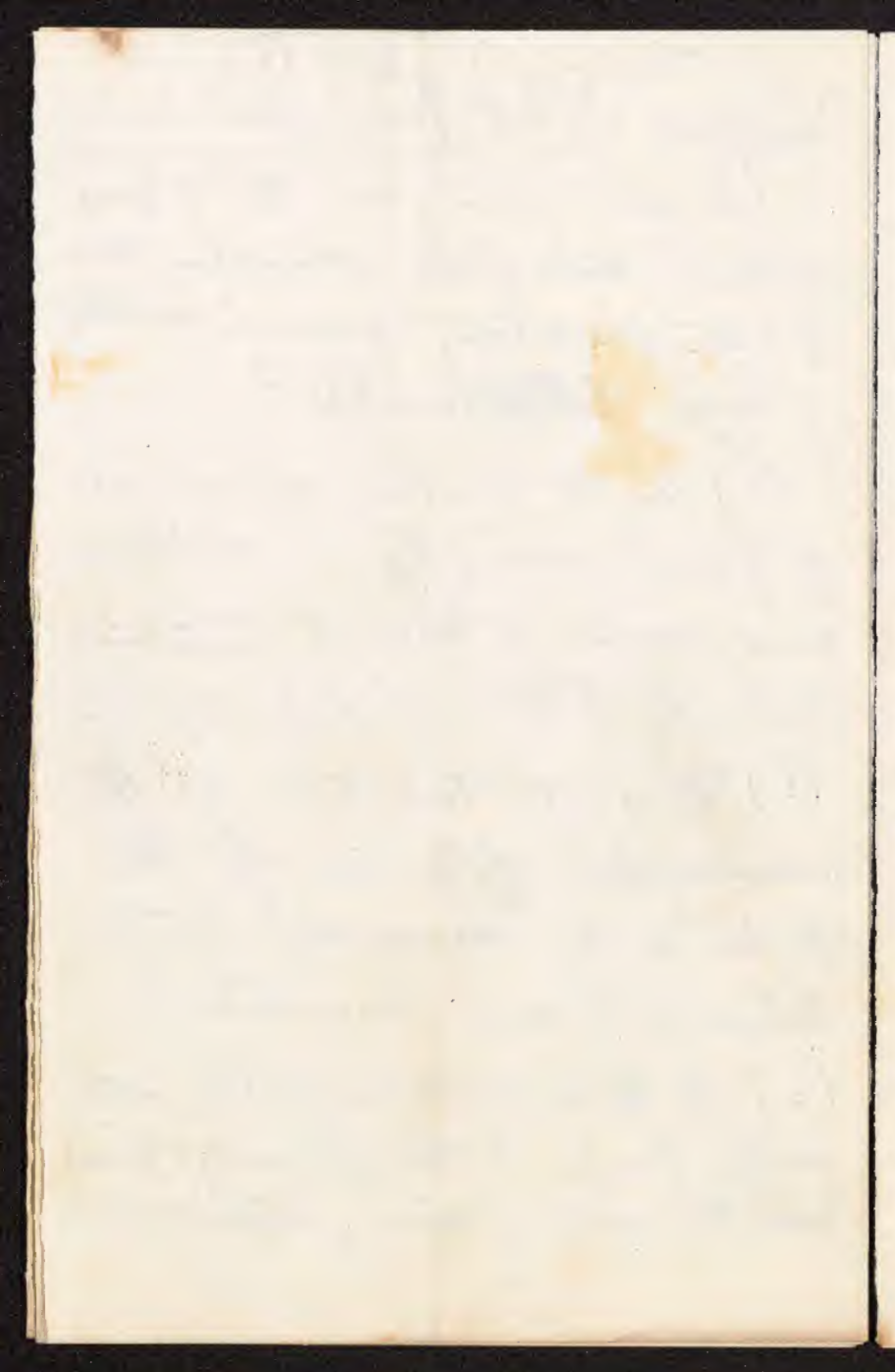
Hygiene, (1) & (2)  
Questions, in Etrol., Pathol., Path. Anatomy.

(1) <sup>1</sup>In what relation does the ozono-metric state of the atmosphere stand to the fluctuating general mortality of large communities?

(2) Are the morbid appearances of fatal meningitis in children most similar to those of membranous croup, or to those of pulmonary tubercle?

(2) <sup>1</sup>What is the true value of the microscopical appearances of the sputa in the diagnosis between Phthisis & Chronic Bronchitis?

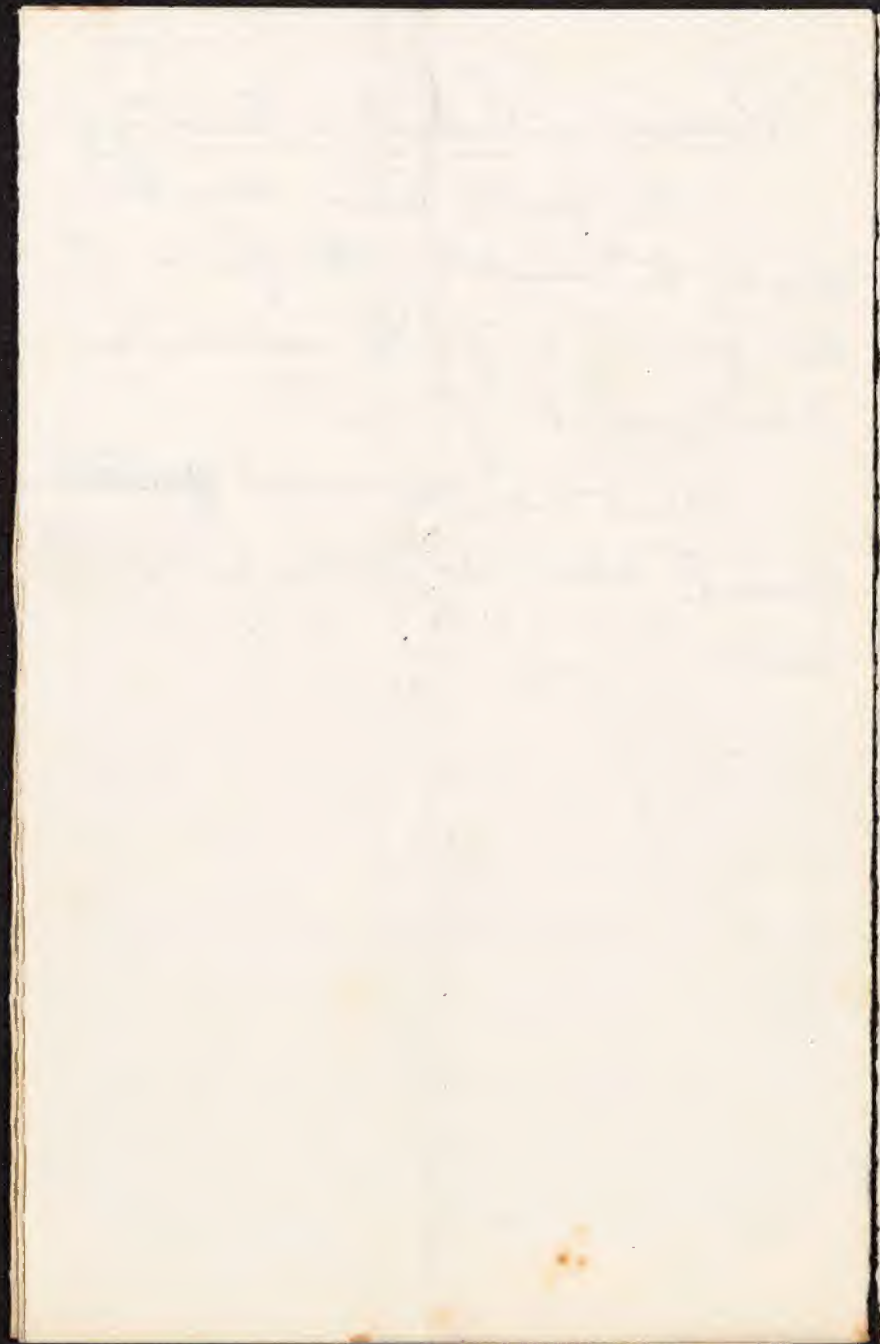
(2) Is the temperature of the body, at the axilla & under the tongue, really depressed during the chill of ordinary intermittent?



## Questions, in Embryol. & Teratology.

Are double human monsters usually the result of the fusion of two germs, or of the excessive development of one?

<sup>1</sup> What are the most ~~capitular~~ cranial characteristics of congenital idiots?



## Questions, in Physiology.

What is the true nature of the change which takes place in the shape & position of the human heart during its systole?

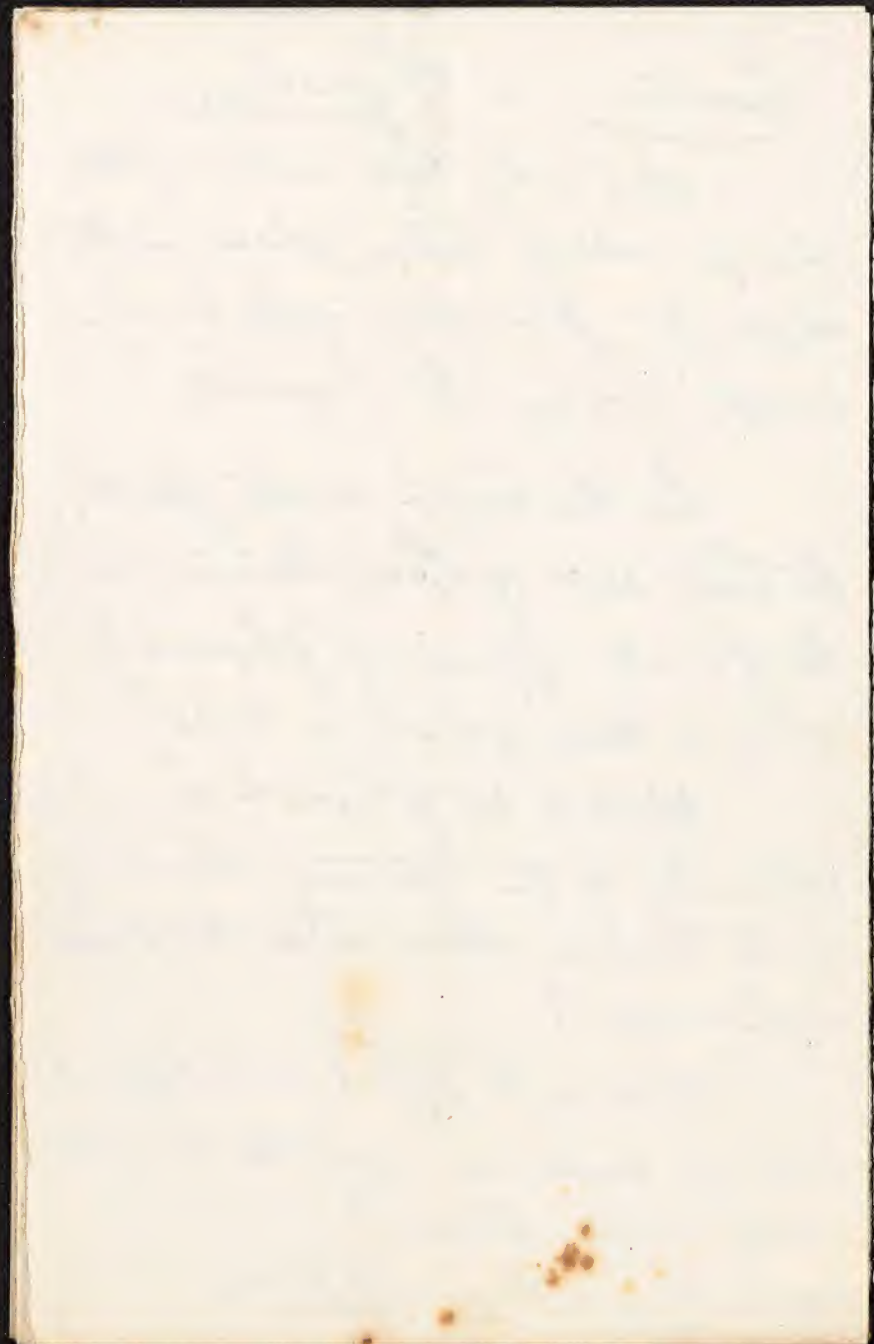
Is the rigor mortis, strictly, the last act of living tissue, or the first effect of physical change in that which is dead?

What is the physiological rationale of the tanning & browning of the human skin under the sun's influence?

1 What is the <sup>comparative</sup> effect of the different salts of ammonia upon the coagulability of the blood?

~~What is the effect of the different salts of ammonia upon the coagulability of the blood?~~





Questions, in Organic Chemistry.

What is the practical value of Farrod's Eudiometer?

Do Quinia, Cinchonia, Strychnia & Morphia, taken internally, cause a retardation of the metamorphosis of tissue?

1 What are the most constant variations in the excreta, during Inflammation and Fever?

